

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033417.D
 Acq On : 29 Mar 2018 12:20
 Operator : SJ/JU
 Sample : J2071-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 29 13:39:11 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

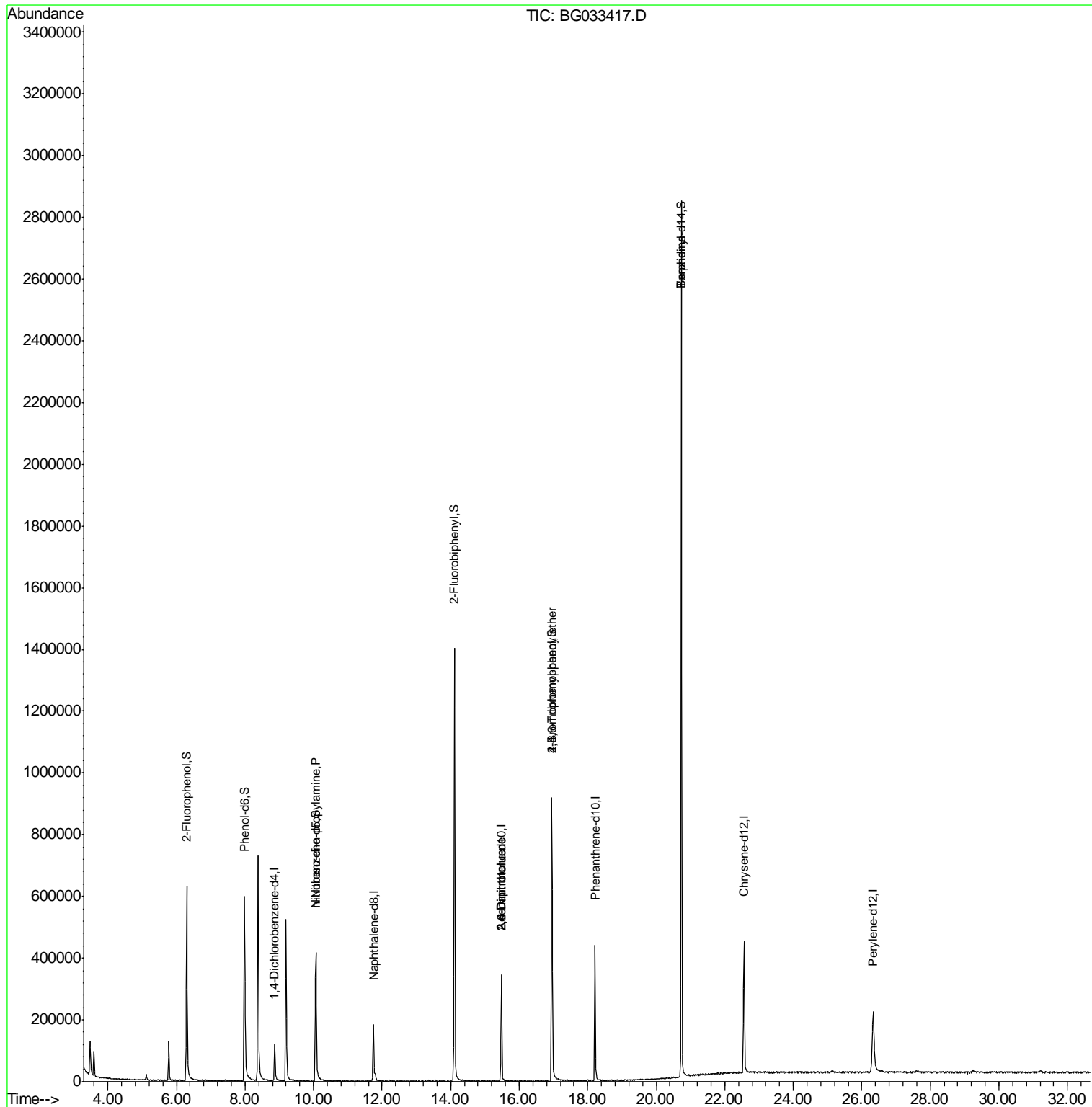
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	41783	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	175755	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	130811	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	319693	20.00	ng	0.00
75) Chrysene-d12	22.56	240	328355	20.00	ng	0.00
86) Perylene-d12	26.33	264	318003	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	310727	139.45	ng	0.00
7) Phenol-d6	7.98	99	427289	111.60	ng	0.00
23) Nitrobenzene-d5	10.07	82	329802	86.21	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	197743	101.07	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	790765	87.27	ng	0.00
78) Terphenyl-d14	20.73	244	1405193	91.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.07	70	46204	16.469	ng	# 75
50) 2,6-Dinitrotoluene	15.48	165	16496	7.087	ng	# 21
56) 2,4-Dinitrotoluene	15.48	165	16496	4.813	ng	# 19
66) 4-Bromophenyl-phenylether	16.96	248	14431	3.844	ng	# 1
76) Benzidine	20.73	184	23428	2.631	ng	# 92

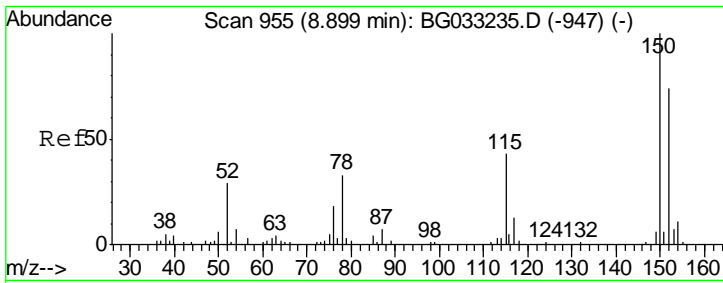
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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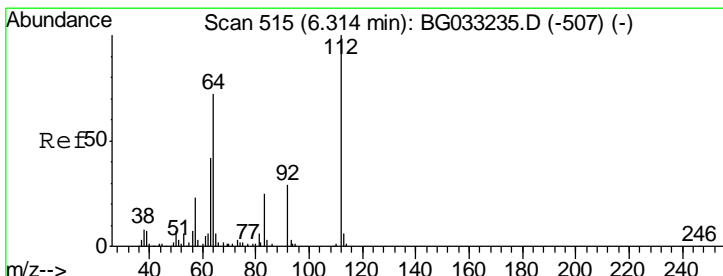
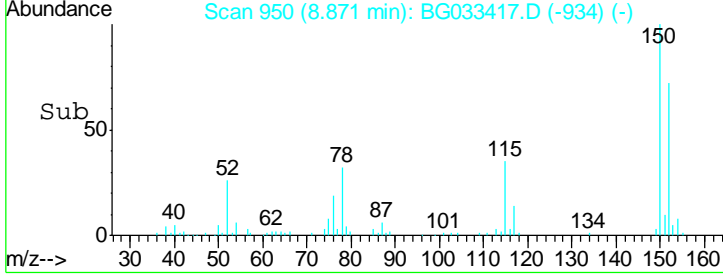
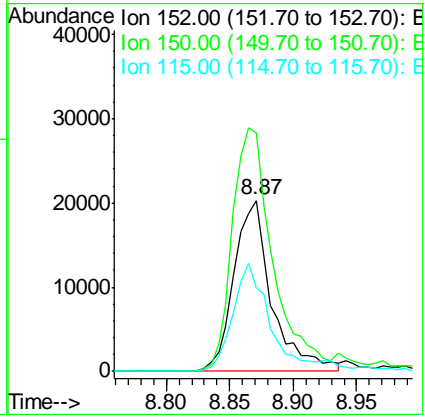
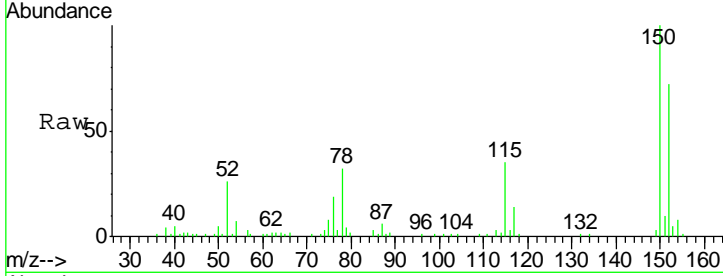




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BG033417.D
 Acq: 29 Mar 2018 12:20

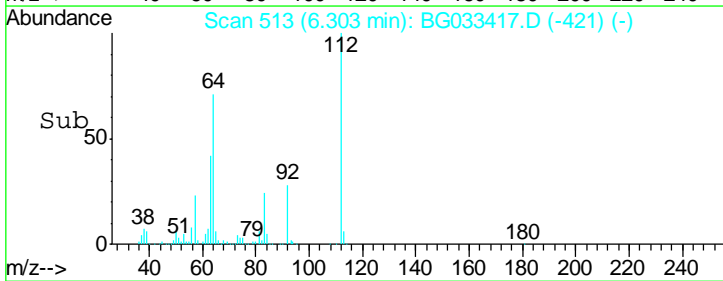
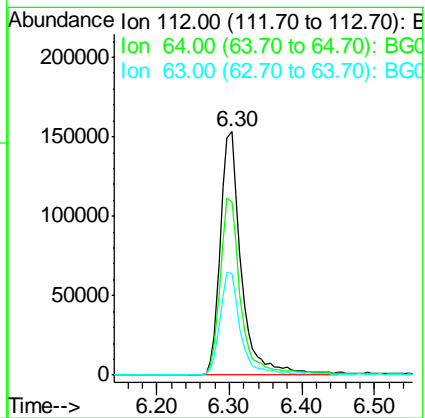
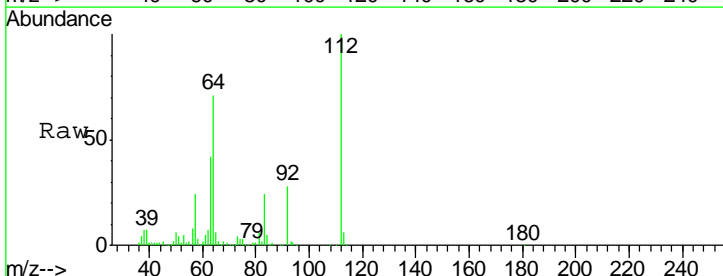
Instrument :
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 ClientSampled :

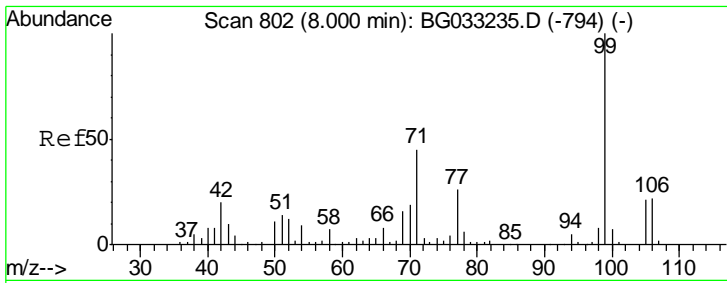
Tgt Ion	Resp	Lower	Upper
152	41783		
150	139.7	126.6	189.8
115	48.7	53.0	79.4



#5
 2-Fluorophenol
 Concen: 139.447 ng
 RT: 6.30 min Scan# 513
 Delta R.T. 0.01 min
 Lab File: BG033417.D
 Acq: 29 Mar 2018 12:20

Tgt Ion	Resp	Lower	Upper
112	310727		
64	71.3	56.3	84.5
63	41.9	30.1	45.1

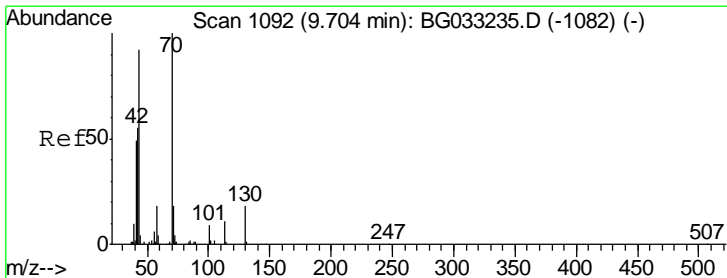
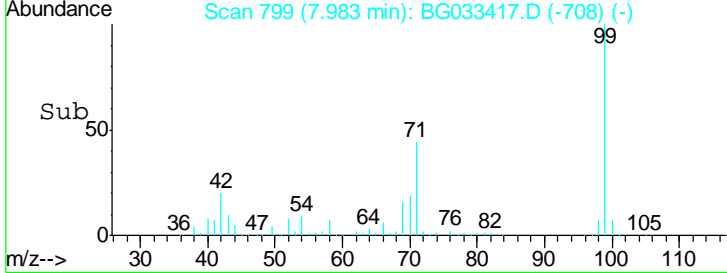
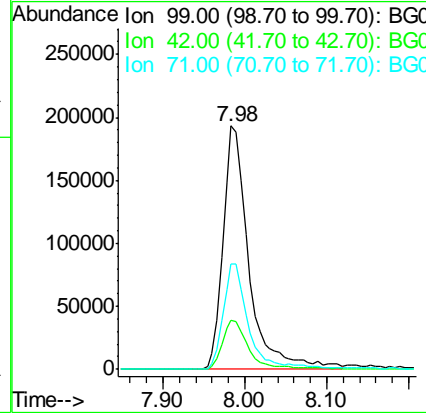
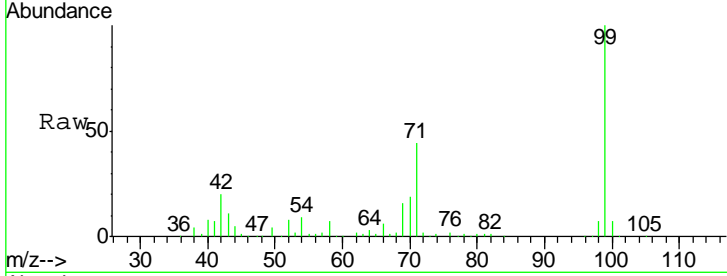




#7
 Phenol-d6
 Concen: 111.603 ng
 RT: 7.98 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BG033417.D
 Acq: 29 Mar 2018 12:20

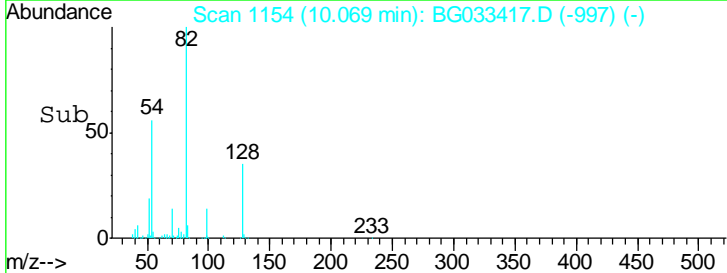
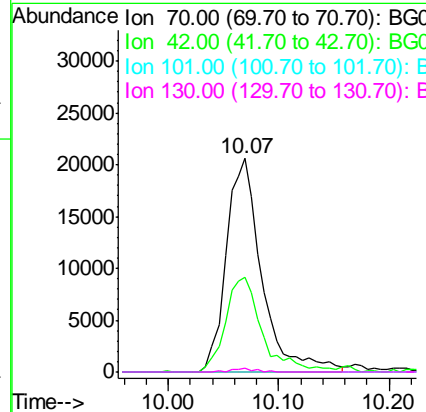
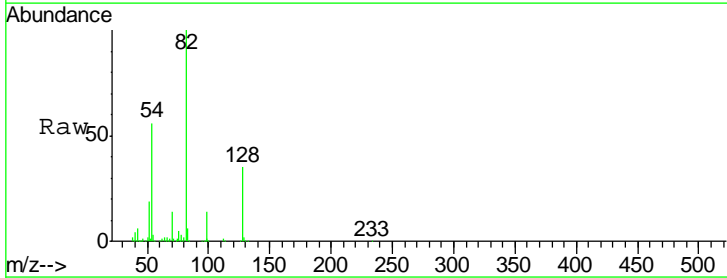
Instrument :
 BNA_G
 ClientSampled :

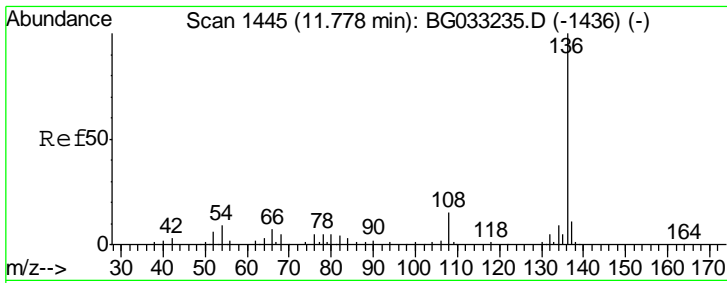
Tgt Ion	Resp	Lower	Upper
99	427289		
42	20.0	14.1	21.1
71	43.5	26.1	39.1#



#19
 n-Nitroso-di-n-propylamine
 Concen: 16.469 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. 0.39 min
 Lab File: BG033417.D
 Acq: 29 Mar 2018 12:20

Tgt Ion	Resp	Lower	Upper
70	46204		
42	44.1	49.1	73.7#
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#

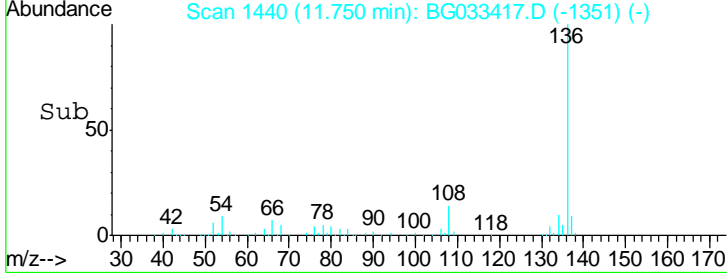
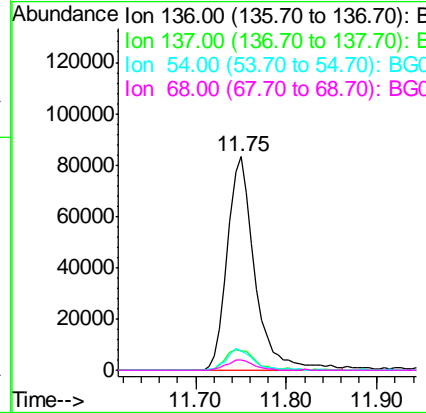
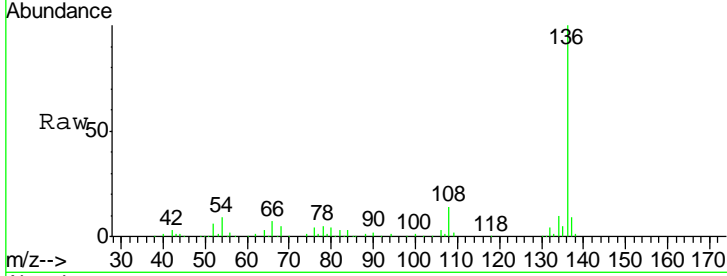




#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.75 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BG033417.D
 Acq: 29 Mar 2018 12:20

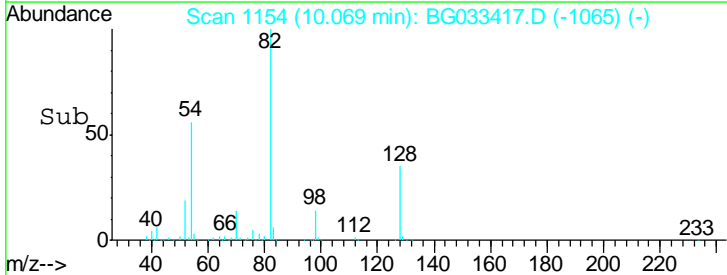
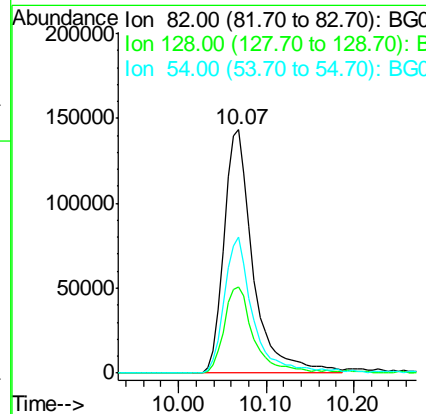
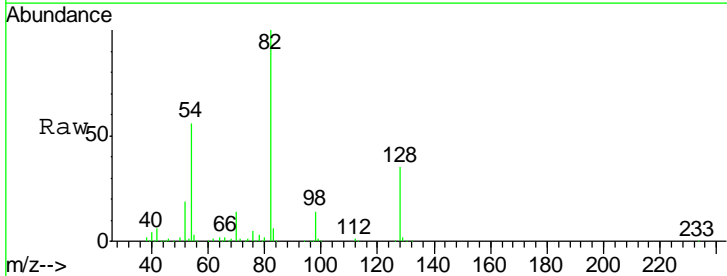
Instrument :
 BNA_G
 ClientSampled :

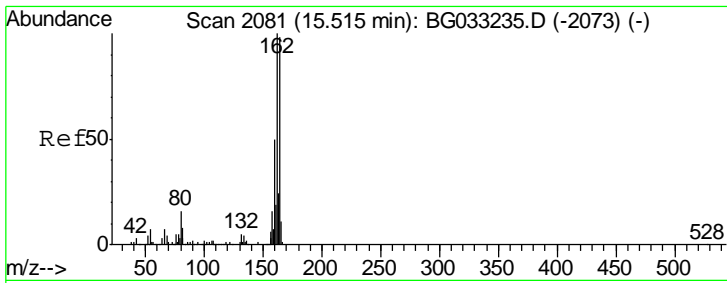
Tgt Ion	Resp	Lower	Upper
136	175755		
137	9.1	9.2	13.8#
54	9.1	10.3	15.5#
68	4.5	4.5	6.7



#23
 Nitrobenzene-d5
 Concen: 86.213 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033417.D
 Acq: 29 Mar 2018 12:20

Tgt Ion	Resp	Lower	Upper
82	329802		
128	35.2	29.7	44.5
54	56.1	43.1	64.7

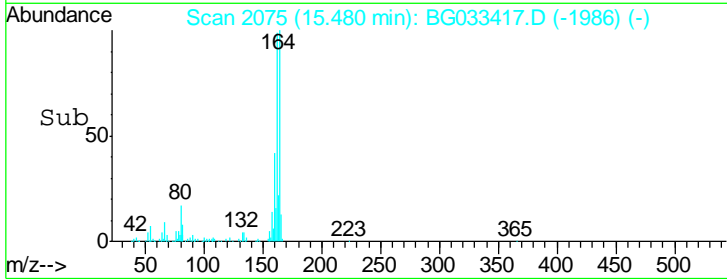
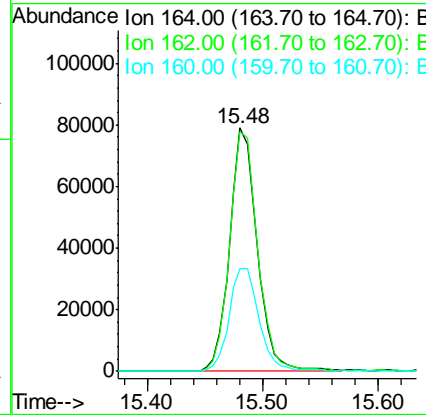
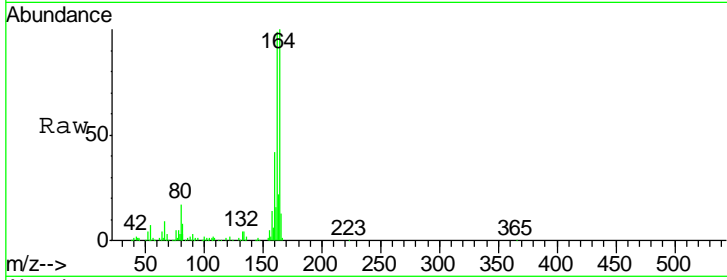




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033417.D
 Acq: 29 Mar 2018 12:20

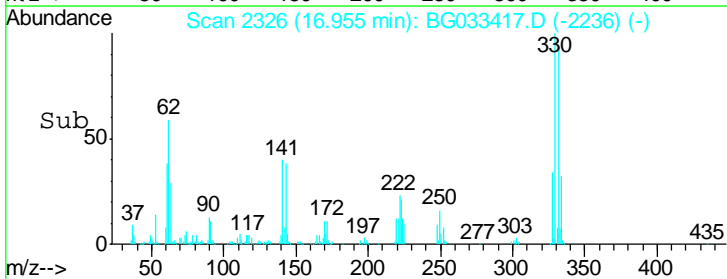
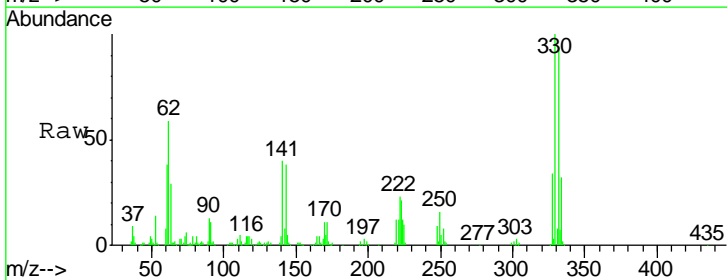
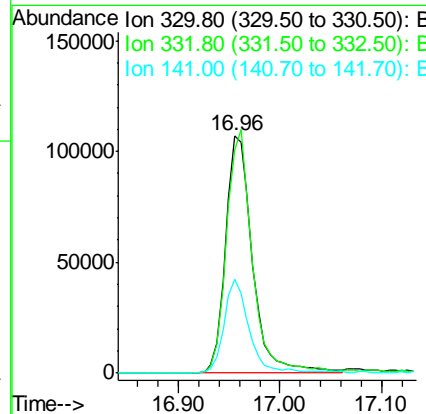
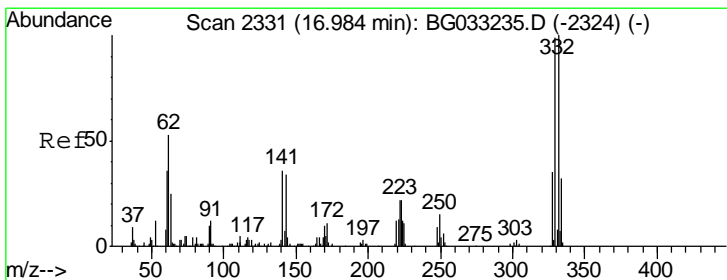
Instrument :
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 ClientSampled :

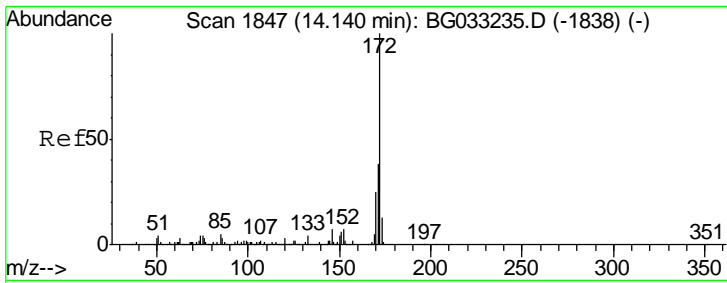
Tgt Ion	Resp	Lower	Upper
164	100		
162	98.6	78.8	118.2
160	42.4	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 101.073 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033417.D
 Acq: 29 Mar 2018 12:20

Tgt Ion	Resp	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	36.1	25.2	37.8

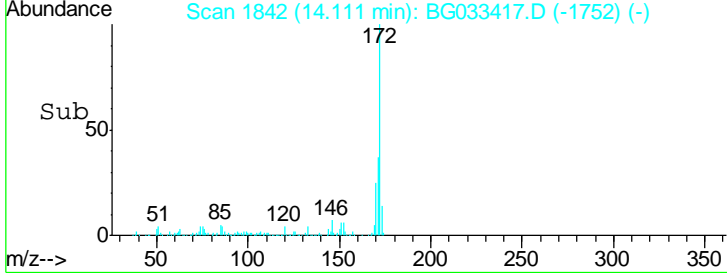
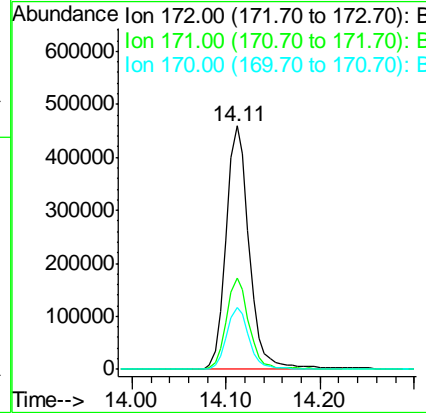
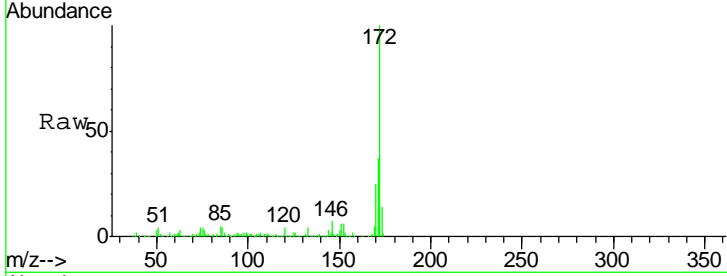




#44
 2-Fluorobiphenyl
 Concen: 87.269 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033417.D
 Acq: 29 Mar 2018 12:20

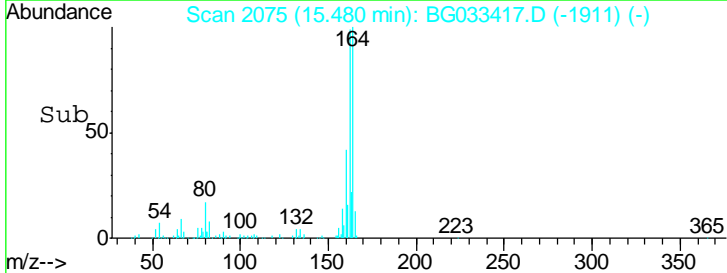
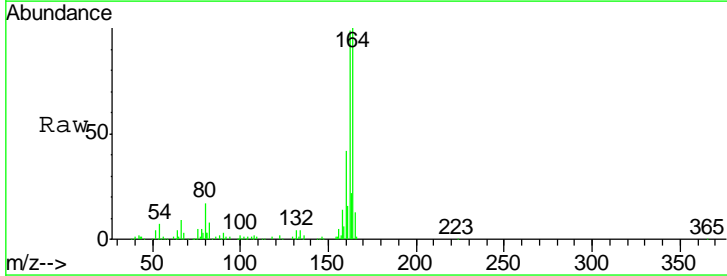
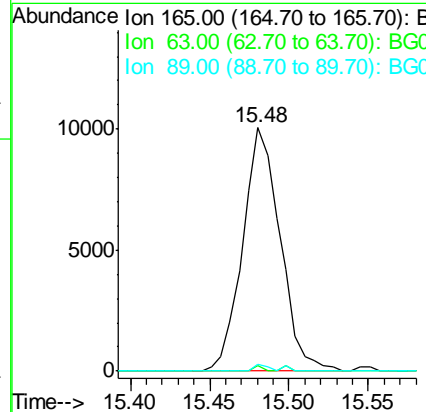
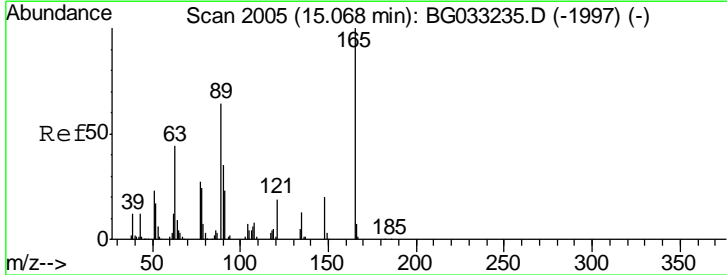
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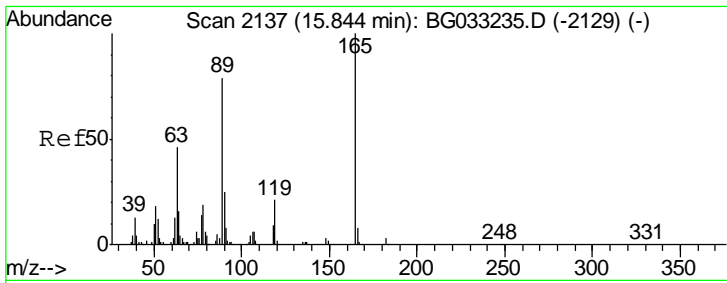
Tgt Ion	Resp	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	25.3	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.087 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.43 min
 Lab File: BG033417.D
 Acq: 29 Mar 2018 12:20

Tgt Ion	Resp	Lower	Upper
165	100		
63	2.2	52.7	79.1#
89	2.7	49.2	73.8#

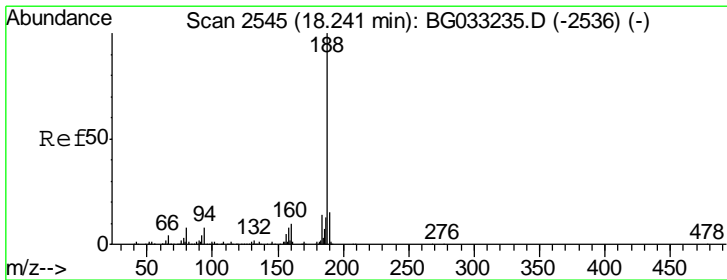
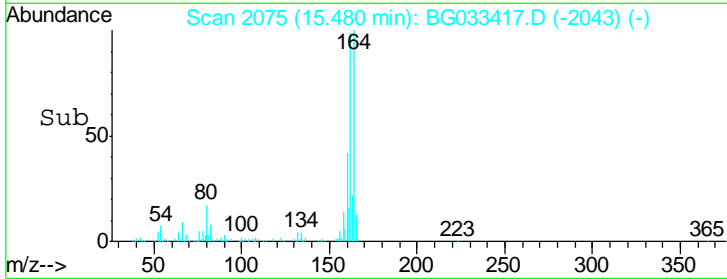
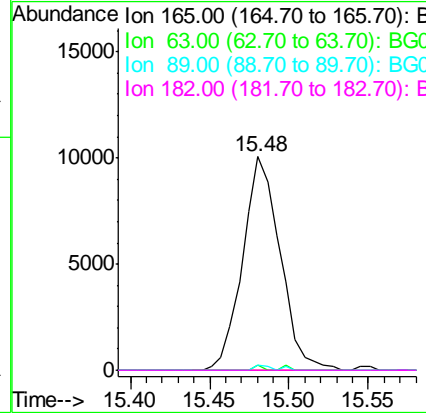
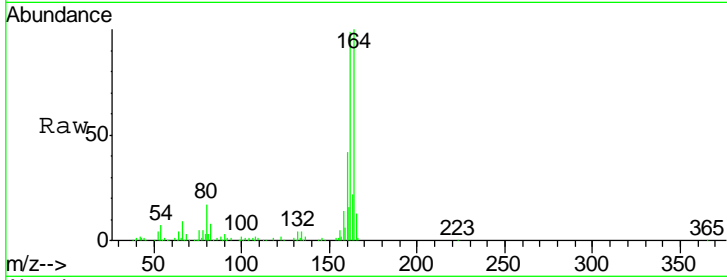




#56
 2,4-Dinitrotoluene
 Concen: 4.813 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033417.D
 Acq: 29 Mar 2018 12:20

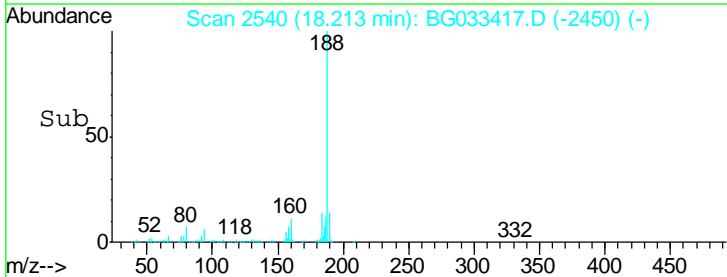
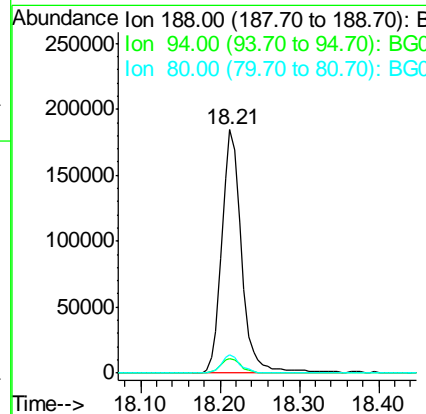
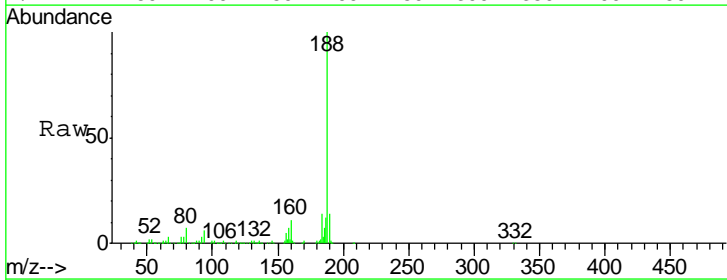
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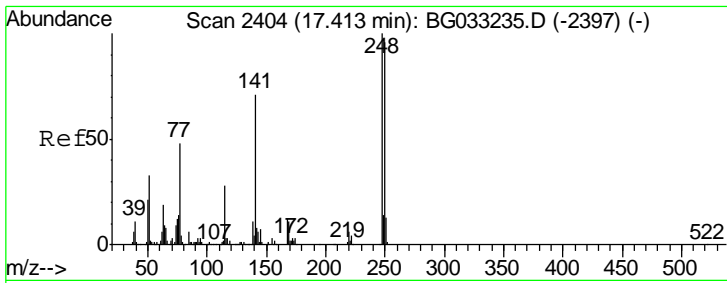
Tgt Ion	Resp	Lower	Upper
165	16496		
63	2.2	42.0	63.0#
89	2.7	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033417.D
 Acq: 29 Mar 2018 12:20

Tgt Ion	Resp	Lower	Upper
188	319693		
94	6.1	6.9	10.3#
80	7.4	7.7	11.5#

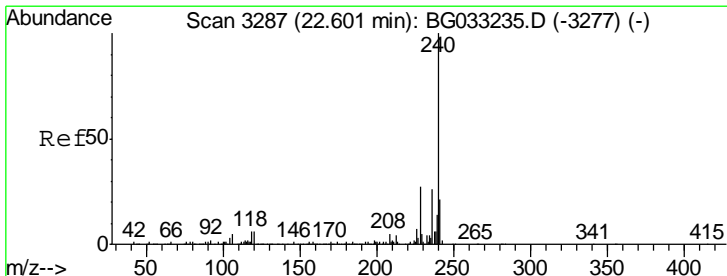
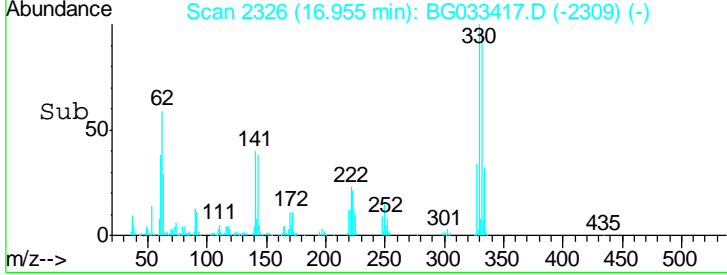
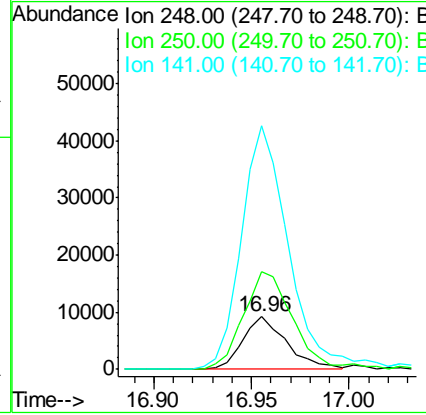
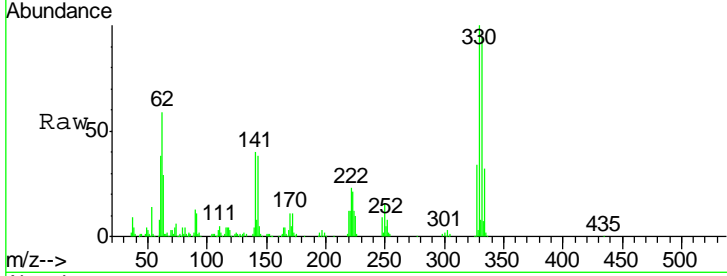




#66
 4-Bromophenyl-phenylether
 Concen: 3.844 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.43 min
 Lab File: BG033417.D
 Acq: 29 Mar 2018 12:20

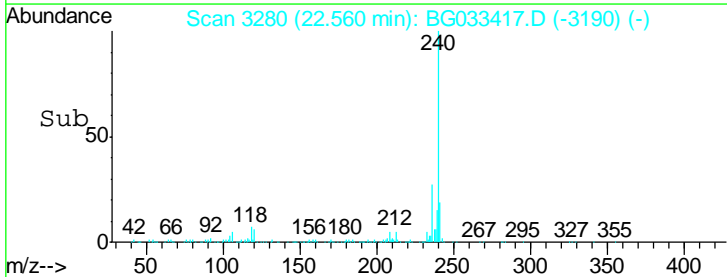
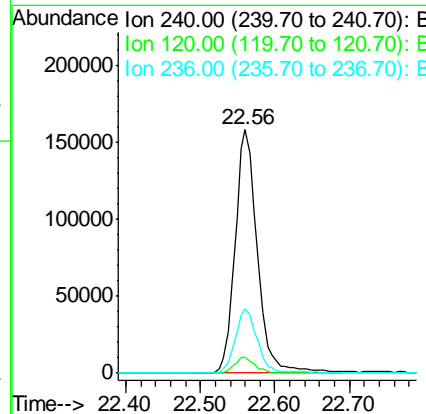
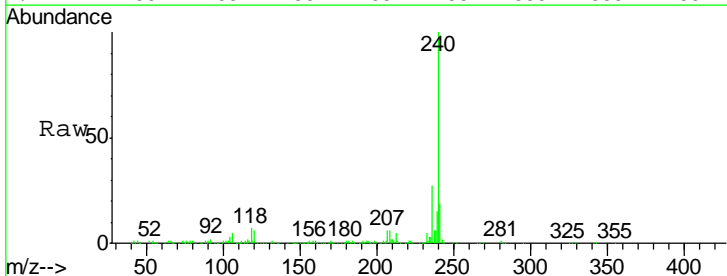
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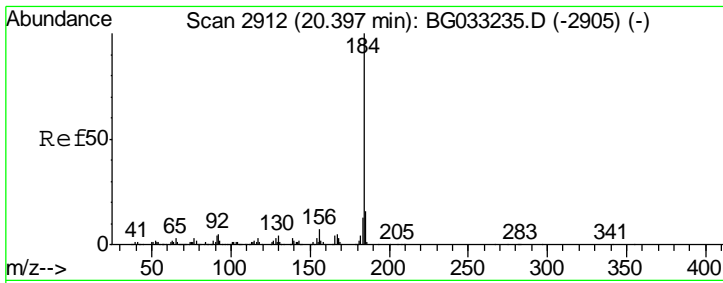
Tgt Ion	Resp	Lower	Upper
248	14431		
250	187.6	77.1	115.7#
141	465.6	50.8	76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.56 min Scan# 3280
 Delta R.T. -0.00 min
 Lab File: BG033417.D
 Acq: 29 Mar 2018 12:20

Tgt Ion	Resp	Lower	Upper
240	328355		
120	6.4	6.8	10.2#
236	26.7	20.9	31.3

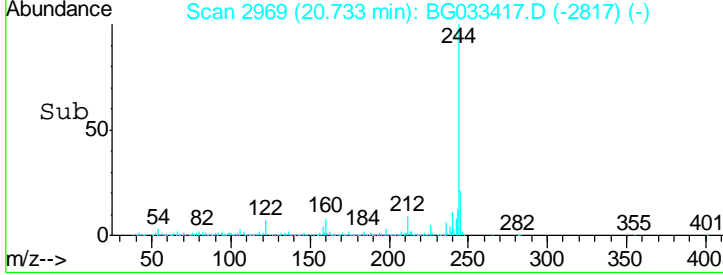
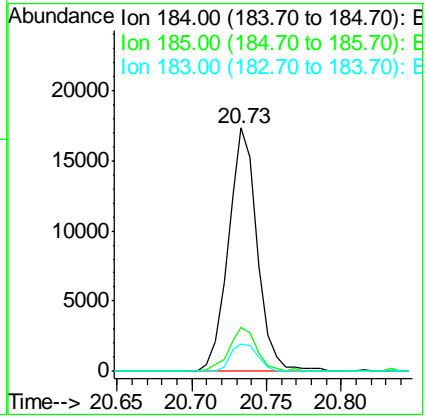
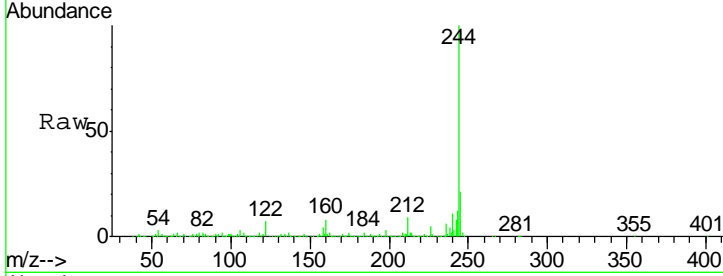




#76
Benzidine
Concen: 2.631 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.36 min
Lab File: BG033417.D
Acq: 29 Mar 2018 12:20

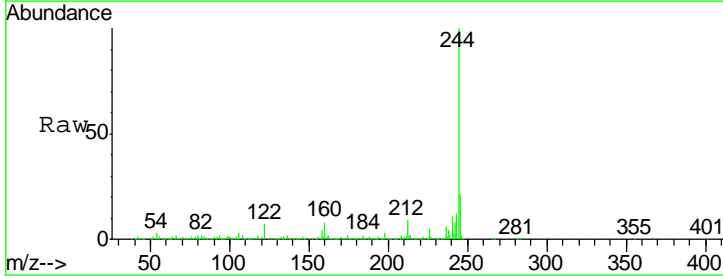
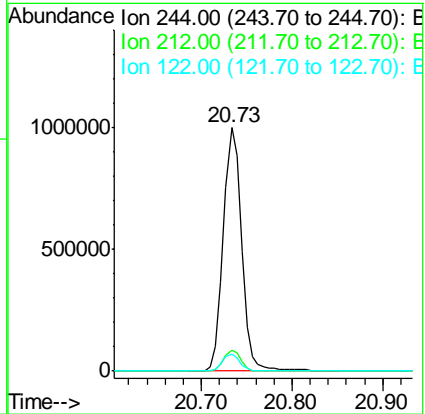
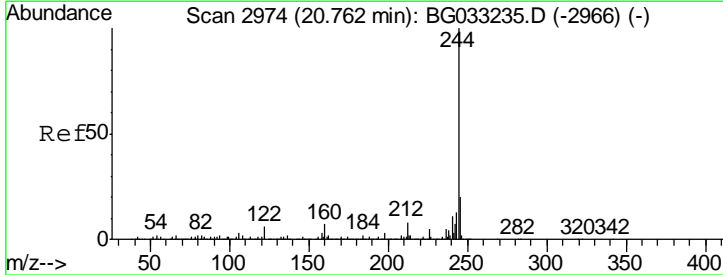
Instrument :
BNA_G
ClientSampleId :

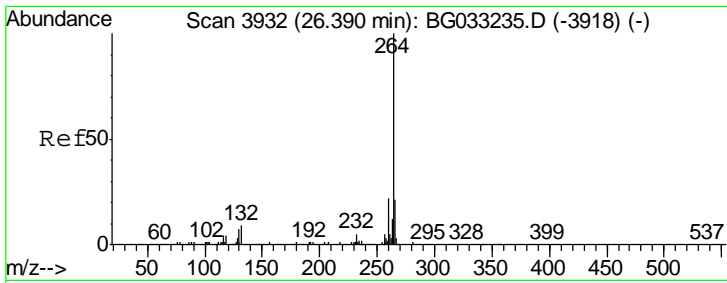
Tgt Ion	Resp	Lower	Upper
184	100		
185	18.0	11.1	16.7#
183	11.3	10.6	16.0



#78
Terphenyl-d14
Concen: 91.522 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BG033417.D
Acq: 29 Mar 2018 12:20

Tgt Ion	Resp	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.1	7.0	10.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3921
 Delta R.T. -0.01 min
 Lab File: BG033417.D
 Acq: 29 Mar 2018 12:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 264 Resp: 318003

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.8	17.7	26.5

